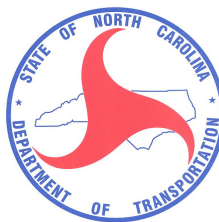


ANNUAL REPORT FOR 2010



**Second Bridge to Oak Island Temporary Impact Sites
Brunswick County
TIP No. R-2245
CAMA Permit No. 20-07**



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North Carolina Department of Transportation
August 2010

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SUMMARY

The Second Bridge to Oak Island is located in Brunswick County. This is an annual report for temporary impacts associated with the construction of T.I.P. project R-2245. The temporary impacts encompass 0.046 acres including approximately 0.027 acres on Site 2 and 0.019 acres on Site 4. The areas that were temporarily impacted are being monitored to ensure that it re-attains jurisdictional wetland status. The annual updates shall consist of photographs and a brief report on the progress of these temporarily impacted areas in re-attaining jurisdictional wetland status. Three years after project completion, the permittee shall schedule an agency field meeting with DCM, the DWQ, USACE, and the WRC to determine if the wetland areas temporarily impacted by this project have re-attained jurisdictional wetland status. If at the end of three years the wetland areas temporarily impacted by this project have not re-attained jurisdictional wetland status, DCM and the above listed agencies shall determine whether compensatory wetland mitigation shall be required. Hydrologic monitoring is not required for these sites; however, vegetation monitoring is required for three years.

After the first year of monitoring, the Second Bridge to Oak Island Temporary Impact Sites show by visual observation that the temporarily impacted areas are re-attaining jurisdictional wetland status.

NCDOT recommends continuing vegetation monitoring of these sites.

1.0 INTRODUCTION

1.1 Project Description

The Second Bridge to Oak Island (R-2245) is located in Brunswick County. This is an annual report for temporary impacts associated with the construction of the TIP # R-2245 in Brunswick County.

1.2 Purpose

In order for the temporarily impacted sites to be considered successful, the site must re-attain jurisdictional wetland status. This report details the vegetation monitoring in 2010 at the Second Bridge to Oak Island Temporary Impact Sites. Hydrologic monitoring was not required for these sites.

1.3 Project History

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Vegetation Monitoring (1 year)

1.4 Debit Ledger

The entire Second Bridge to Oak Island mitigation site was used for the R-2245 project to compensate for unavoidable temporary wetland impacts.

2.0 VEGETATION: SECOND BRIDGE TO OAK ISLAND TEMPORARY IMPACT SITES (YEAR 1 MONITORING)

2.1 Success Criteria

Due to the possibility that compaction, mechanized clearing, and/or other site alterations might prevent the temporary wetland impact area from re-attaining jurisdictional wetland status, the permittee shall provide an annual update on the wetland areas temporarily impacted by this project. This annual update will consist of photographs and a brief report on the progress of the temporarily impacted areas. After three years of monitoring, the permittee shall schedule a field meeting with DCM, DWQ, USACE, and WRC to determine if the temporarily impacted areas have re-attained jurisdictional wetland status. If at the end of three years the area has not re-attained jurisdictional wetland status, NC DCM and the above listed agencies shall determine whether a compensatory wetland mitigation plan will be required.

2.2 Description of Species

There were no species planted. Temporarily impacted areas were allowed to re-vegetate naturally.

2.3 Results of Vegetation Monitoring

Species noted in the temporary impact areas are as follows: glasswort, smooth cordgrass, and phragmites.

2.4 Conclusions

There were approximately 0.046 acres of temporary impacts on site. By visual observation, the Second Bridge to Oak Island Temporary Impact Sites show that natural re-vegetation is occurring. The temporarily impacted areas are re-attaining jurisdictional wetland status.

3.0 OVERALL CONCLUSIONS AND RECOMMENDATIONS

NCDOT will continue vegetation monitoring at the Second Bridge to Oak Island Temporary Impact Sites in 2011.

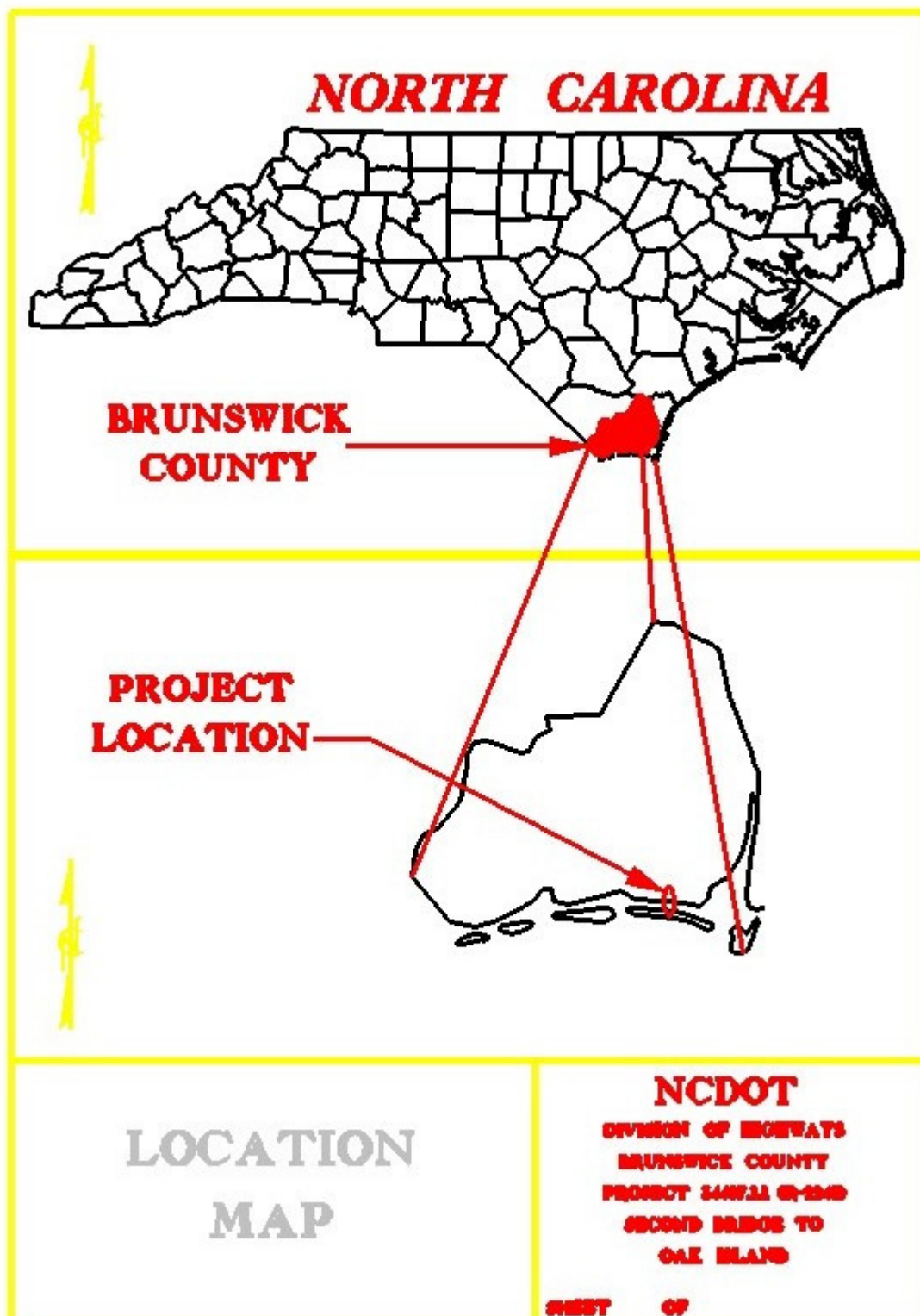


Figure 1. Site Location Map

APPENDIX A

SITE PHOTOS

R-2245 Second Bridge to Oak Island



Site 2

August 2010

R-2245 Second Bridge to Oak Island



Site 4



Site 4

August 2010